

Please replace the first full paragraph of page 8 with the following:

Referring to Figure 5, which is a bar chart comparing the ultimate strength of multi-layer cloth assembly versus the number of plies, the ultimate strengths in warp and fill tear strengths and warp and fill tensile strengths are generally equal. This eliminates the need for plies at plus or minus 45 degrees to absorb shear loads. In addition, a six ply material has a thickness of only 0.035 inch, and it is flexible and crease resistant.

In the Abstract:

Please amend the abstract as follows:

This invention relates to airships, with a volume of 15 to 60 million cubic feet of Helium. More particularly, it relates to improved structural envelope/gas bags or outer covers for lighter-than-air and neutral buoyancy airships. In detail, the material is a multi-layer cloth assembly including at least two plies of fiber cloth, said cloth comprising 56 by 56 yarns/inch with a total weight of 150 to 450 g/m<sup>2</sup>, with the fiber of the individual cloth layers having a denier generally between 180 and 280 and with the fill of the individual plies at 90 degrees to each other. Preferably, the filaments should be between 200 and 215 denier. The fibers of each layer of cloth are selected from the group consisting of extended chain polyethylene polymer or a thermotropic liquid (melt spun) crystalline polymer. The extended chain polyethylene fiber is a woven modified rip stop weave architecture, while the thermotropic liquid (melt spun) crystalline polymer fiber is a 2x2 basket weave architecture.

In the Claims:

Please amend Claims 1, 2 and 5 as follows:

1. (Amended) A helium impervious material for a wall of a flexible pressurized container comprising at least two plies of cloth, said cloth having a weight of 150 to 450 g/m<sup>2</sup>, said cloth comprising fiber having a denier generally between 180 and 280 and the fill of the individual plies at 90 degrees to each other, said fibers of said cloth selected from the group consisting of extended chain polyethylene polymer in a rip stop

weave architecture and a thermotropic liquid crystalline polymer in a 2x2 basket weave architecture.

2. (Amended) The material as set forth in claim 1, wherein said plies are joined together by a thermoplastic polyurethane elastomer resin.

3. (Amended) The material as set forth in claim 1, wherein said cloth has a weight of 159 to 478 g/m<sup>2</sup> and said weave comprises 58 by 58 yarns/inch.

4. (Amended) The material as set forth in claim 2, wherein said plies are joined together by a polyester terephthalate film bonded to the outer side of said material.

5. (Amended) The material as set forth in claim 1, wherein the denier is between 180 and 215.

Please cancel Claims 6-10.

Please add the following new claims 11-14:

11. (New) The material as set forth in claim 1, wherein the weave comprises 56 x 56 yarns/inch.

12. (New) The material as set forth in claim 1, wherein the fibers comprise the thermotropic liquid crystalline polymer in a 2x2 basket weave architecture and wherein the material has an ultimate tensile strength of at least 800 lbs/inch width.

13. (New) The material as set forth in claim 1, wherein the fibers comprise the extended chain polyethylene polymer in a rip stop weave architecture and wherein the material has an ultimate tensile strength of at least 600 lbs/inch width.

14. (New) The material as set forth in claim 1, having a permeability of less than 1 liter/m<sup>2</sup>/day/atm of helium.

#### REMARKS

Reconsideration of this application is requested. Several changes of an editorial nature have been made to the specification as shown above. Claims 1-5 remain in the application with claims 1-5 having been amended. Claims 6-10 have been